

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	34430	thermoplastic resin and layer \$3 and film	US-PGPUB; USPAT	ADJ	ON	2009/02/03 16:32
S2	10544	thermoplastic resin and multi \$3 with layer\$3 and film	US-PGPUB; USPAT	ADJ	ON	2009/02/03 16:34
S4	382	S2 and (unstretched or "not stretched" or un-stretched)	US-PGPUB; USPAT	ADJ	ON	2009/02/03 16:37
S6	1	("3925591").PN.	US-PGPUB; USPAT	OR	OFF	2009/02/03 16:44
S7	3889	multilayer die plastic extruder	US-PGPUB; USPAT	AND	OFF	2009/02/03 17:01
S8	3410	multilayer die plastic extruder melt	US-PGPUB; USPAT	AND	OFF	2009/02/03 17:01
S9	3308	multilayer die plastic extruder melt layer	US-PGPUB; USPAT	AND	OFF	2009/02/03 17:02
S10	1943	multilayer die plastic extruder melt layer apparatus	US-PGPUB; USPAT	AND	OFF	2009/02/03 17:02
S11	1786	multilayer die plastic extruder melt layer apparatus not same tube	US-PGPUB; USPAT	AND	OFF	2009/02/03 17:09
S12	1933	multilayer die plastic extruder melt (layer not same tube) apparatus	US-PGPUB; USPAT	AND	OFF	2009/02/03 17:09
S13	67	multilayer die and plastic and extruder and melt and (layer not same tube) and apparatus	US-PGPUB; USPAT	ADJ	OFF	2009/02/03 17:10
S15	558	S2 and manifold	US-PGPUB; USPAT	ADJ	ON	2009/02/03 18:10
S18	0	(multilayer\$3 or multi-layer \$3) with die and t-die and (slot-cast or "slot cast")	US-PGPUB; USPAT	ADJ	ON	2009/02/04 08:16
S19	54	(multilayer\$3 or multi-layer \$3) with die and (slot-cast or "slot cast")	US-PGPUB; USPAT	ADJ	ON	2009/02/04 08:16
S20	588	(multilayer\$3 or multi-layer \$3) with die and t-die	US-PGPUB; USPAT	ADJ	ON	2009/02/04 08:17
S21	521	S20 and sheet	US-PGPUB; USPAT	ADJ	ON	2009/02/04 08:17
S22	453	S20 and sheet and (plastic or thermoplastic)	US-PGPUB; USPAT	ADJ	ON	2009/02/04 08:17

S23	268	S20 and sheet same (plastic or thermoplastic)	US-PGPUB; USPAT	ADJ	ON	2009/02/04 08:18
S24	439	S20 and (sheet or film) same (plastic or thermoplastic)	US-PGPUB; USPAT	ADJ	ON	2009/02/04 08:19
S26	0	("317291988").PN.	JPO; DERWENT	OR	OFF	2009/02/04 08:28
S27	16	herbert and gunter and detlef	US-PGPUB; USPAT	ADJ	OFF	2009/02/04 09:04
S28	0	kuniharu and hirohisa and hideto	US-PGPUB; USPAT	ADJ	OFF	2009/02/04 09:06
S30	4	takashi and hibiya	US-PGPUB; USPAT	ADJ	OFF	2009/02/04 09:07
S36	266	marion and george and film	US-PGPUB; USPAT	ADJ	OFF	2009/02/04 12:09
S37	95	marion and george and film and flat	US-PGPUB; USPAT	ADJ	OFF	2009/02/04 12:09
S38	11	marion and george and film and coextrusion	US-PGPUB; USPAT	ADJ	OFF	2009/02/04 12:09
S39	1	("3583032").PN.	US-PGPUB; USPAT	OR	OFF	2009/02/04 12:11
S40	1	("3611492").PN.	US-PGPUB; USPAT	OR	OFF	2009/02/04 12:52
S41	1	("3293689").PN.	US-PGPUB; USPAT	OR	OFF	2009/02/04 12:53
S42	1	("3684422").PN.	US-PGPUB; USPAT	OR	OFF	2009/02/04 12:54
S43	1	("3005440").PN.	US-PGPUB; USPAT	OR	OFF	2009/02/04 12:54
S44	1	("3302239").PN.	US-PGPUB; USPAT	OR	OFF	2009/02/04 12:55
S45	356	t-die extruder	US-PGPUB; USPAT	ADJ	OFF	2009/02/04 13:42
S46	4680	t-die	US-PGPUB; USPAT	ADJ	OFF	2009/02/04 13:42
S47	95	t-die and @ay<="1975"	US-PGPUB; USPAT	ADJ	OFF	2009/02/04 13:45
S48	1	("2003291258").PN.	JPO	OR	OFF	2009/02/04 15:31
S50	5	fujii and nakamura and inazawa and matsubara	US-PGPUB; USPAT	ADJ	OFF	2009/02/04 17:47
S51	1476	(264/171.22 264/173.12 264/173.16 264/173.18 264/211.12).ccs.	US-PGPUB; USPAT	AND	OFF	2009/02/05 11:29
S52	1025	(264/145 264/146 264/158).ccs.	US-PGPUB; USPAT	AND	OFF	2009/02/05 11:30
S53	24	S51 and S52	US-PGPUB; USPAT	AND	OFF	2009/02/05 11:30

S54	1	("5589122").PN.	US-PGPUB; USPAT	OR	OFF	2009/02/05 11:31
S55	285	(264/173.12).ccls.	US-PGPUB; USPAT	ADJ	OFF	2009/02/05 11:36
S56	1017	(425/404).ccls.	US-PGPUB; USPAT	ADJ	OFF	2009/02/05 11:49
S57	285	(264/173.12).ccls.	US-PGPUB; USPAT	ADJ	OFF	2009/02/05 12:54
S58	1017	(425/404).ccls.	US-PGPUB; USPAT	ADJ	OFF	2009/02/05 12:54
S59	2	S57 and S58	US-PGPUB; USPAT	ADJ	OFF	2009/02/05 12:54
S60	1	("4304883").PN.	US-PGPUB; USPAT	OR	OFF	2009/02/05 13:08
S61	1	("3877857").PN.	US-PGPUB; USPAT	OR	OFF	2009/03/17 08:31
S62	2013	("264/171" "264/40.7" "425/131.1" "425/133.5" "425/462").ccls.	US-PGPUB; USPAT	ADJ	ON	2009/03/17 08:49
S63	1	("3479425").pn.	US-PGPUB; USPAT	ADJ	ON	2009/03/17 11:37
S64	1	("3557265").pn.	US-PGPUB; USPAT	ADJ	ON	2009/03/17 11:37
S65	1	("3398431").pn.	US-PGPUB; USPAT	ADJ	ON	2009/03/17 13:51
S66	8	("4100237" "3918865" "3645837" "3398431" "3884606" "3547754" "3557265" "3223761").pn.	US-PGPUB; USPAT	ADJ	OFF	2009/03/17 17:40
S67	16535	extrud\$3 with (resin or plastic) with layer\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/11/05 11:42
S68	8572	T-die	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/11/05 11:51
S69	1320	S67 and S68	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/11/05 11:51
S70	2279	425/133.5,461,462.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/11/05 11:53
S71	10	S69 and S70	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/11/05 11:53

S76	358	425/133.5.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/11/05 16:09
S77	0	("4152387" "4197069")"pn."	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/11/06 12:52
S78	5	("4152387" "4197069"). pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/11/06 12:53
S79	76	(US-20020004129-\$ or US- 20080075926-\$ or US- 20030111762-\$ or US- 20030193108-\$ or US- 20060188596-\$).did. or (US- 3900548-\$ or US-4370187-\$ or US-4612221-\$ or US- 4622268-\$ or US-4643943-\$ or US-3797987-\$ or US- 3882219-\$ or US-3968196-\$ or US-5716570-\$ or US- 6130278-\$ or US-6136420-\$ or US-3611492-\$ or US- 3918865-\$ or US-3933964-\$ or US-4315878-\$ or US- 4443397-\$ or US-4533308-\$ or US-4731213-\$ or US- 4963304-\$ or US-2932855-\$ or US-3005440-\$ or US- 3302239-\$ or US-3321804-\$ or US-3397428-\$ or US- 3405425-\$ or US-3415920- \$).did. or (US-3423498-\$ or US-3448183-\$ or US- 3464087-\$ or US-3555128-\$ or US-3606636-\$ or US- 3687589-\$ or US-RE27769- \$ or US-3959432-\$ or US- 3959431-\$ or US-4128386-\$ or US-4219516-\$ or US- 4289560-\$ or US-4348346-\$ or US-4402889-\$ or US- 4521359-\$ or US-4619802-\$ or US-4623501-\$ or US- 4659580-\$ or US-4731004-\$ or US-4731003-\$ or US- 4839131-\$ or US-3398431-\$ or US-3557265-\$ or US- 5211898-\$ or US-4917851-\$ or US-4094947-\$ or US- 4137027-\$).did. or (US- 4144011-\$ or US-4265693-\$ or US-4272312-\$ or US- 4300878-\$ or US-4426344-\$	US-PGPUB; USPAT; JPO	ADJ	ON	2009/11/06 15:40

		or US-4476080-\$ or US-4600550-\$ or US-4669965-\$ or US-4804510-\$ or US-4842791-\$ or US-5120484-\$ or US-5190711-\$ or US-5269995-\$).did. or (JP-61241122-\$ or JP-61241121-\$ or JP-55117639-\$ or JP-55046950-\$ or JP-06091719-\$) did.				
S80	9	S79 and t-die	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/11/06 15:41
S81	5	S79 and shear	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/11/06 15:59
S82	3	poise and S79	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/11/06 16:03
S83	2279	425/133.5,461,462.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/11/06 16:06
S84	14	poise and shear rate and S83	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/11/06 16:06
S85	356	poise and shear rate and (multilayer\$ or multi-layer\$) and film	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/11/06 16:13
S86	344	poise and shear rate and (multilayer\$ or multi-layer\$) and (thermoplastic or resin) and film	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/11/06 16:13
S87	205	poise and shear rate and (multilayer\$ or multi-layer\$) with film and (thermoplastic or resin)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/11/06 16:13
S88	117	poise and shear rate and (multilayer\$ or multi-layer\$) with film and (thermoplastic or resin) with extrud\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/11/06 16:13
S89	139	poise and shear rate and (multilayer\$ or multi-layer\$) with film and (thermoplastic or resin) with (extrud\$ or extrud\$)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/11/06 16:14

S97	7	mori.in. and fujita.in. and ohashi.in. and metallic sheet and film	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/11/06 16:58
S98	1281	metallic sheet and (thermoplastic or resin) with film	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/11/06 17:07
S99	436	metallic sheet and (thermoplastic or resin) with film and laminate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/11/06 17:08
S100	154	metallic sheet and (thermoplastic or resin) with film and laminate and (multilayer\$ or multi-layer\$)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/11/06 17:08
S101	63	metallic sheet and (thermoplastic or resin) with film and laminate and (multilayer\$ or multi-layer\$) with film	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/11/06 17:08
S102	15	metallic sheet with laminate and (thermoplastic or resin) with film and (multilayer\$ or multi-layer\$) with film	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/11/06 17:08
S104	10	metallic sheet with laminate and (thermoplastic or resin) with (extrus\$ or extrud\$) and film and (multilayer\$ or multi-layer\$) with film	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/11/06 17:09
S105	0	metallic sheet with laminate with (thermoplastic or resin) with (extrus\$ or extrud\$) and (multilayer\$ or multi-layer\$)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/11/06 17:10
S106	82	metal\$3 with laminate with (thermoplastic or resin) with (extrus\$ or extrud\$) and (multilayer\$ or multi-layer\$)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/11/06 17:11
S107	41	metal\$3 with sheet with laminate with (thermoplastic or resin) with (extrus\$ or extrud\$) and (multilayer\$ or multi-layer\$)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/11/06 17:11
S108	9	metal\$3 sheet with laminate with (thermoplastic or resin) with (extrus\$ or extrud\$) and (multilayer\$ or multi-layer\$)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/11/06 17:20

S109	4	metal\$3 sheet with laminate with (thermoplastic or resin) same (extrus\$ or extrud\$) with film and film with (out \$3 or trim\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/11/06 17:23
S110	2	metal\$3 sheet with laminate with (thermoplastic or resin) same (extrus\$ or extrud\$) with film and film with (out or trim) with (edge or side)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/11/06 19:01
S111	13	metal\$3 (film or sheet or surface) with (thermoplastic or resin) with (extrus\$ or extrud\$) and (thermoplastic or resin) with film with (out \$3 or trim\$3) with (edge or side)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/11/06 19:04
S112	6	S111 and (multilayer\$ or multi-layer\$)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/11/06 19:09

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